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EXAMINER

DIVINE, LUCAS

ART UNIT	PAPER NUMBER
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2624

DATE MAILED: 06/01/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/005,582	Applicant(s) HUBE ET AL.	
	Examiner Lucas Divine	Art Unit 2624	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 26 October 2001.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-24 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-24 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 26 October 2001 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>3/25/02</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Drawings

1. The drawings are objected to because Fig. 7 has the word ticket spelled as ticeket.
2. The drawings are objected to as failing to comply with 37 CFR 1.84(p)(5) because they include the following reference character(s) not mentioned in the description: **20, 186, 184, 242**.

Corrected drawing sheets in compliance with 37 CFR 1.121(d), or amendment to the specification to add the reference character(s) in the description in compliance with 37 CFR 1.121(b) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Specification

3. The disclosure is objected to because of the following informalities:

Page 1, line 10: the docket number should now be changed to the appropriate application number;

Page 6 line 12: DocuTech appears as if it would needs a " at the end of it.

Appropriate correction is required.

Claim Objections

4. Claim 16 is objected to because of the following informalities: Based on claim phrasing, Examiner believe the applicant to have intended to use the word 'first' in between the words the and selected in the phrase of claim 16 **'pursuant to a first job processing event, in accordance with the set of programmed attributes of the selected job ticket'**. Appropriate correction is required.

5. Claim 6 is objected to because of the following informalities: Claim 6 recites the limitation **"master job control ticket"** in line 2. There is no master job control ticket mentioned in parent claims 1 or 5. Appropriate correction/clarification is required.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

6. Claims 1 – 24 are rejected under 35 U.S.C. 102(e) as being anticipated by Hansen (US 6509974).

Regarding claim 1, Hansen teaches a **document processing system (Fig. 1) with at least one document processing subsystem (Fig. 1, print server 120 and the output devices 122 are the subsystem that perform the automated preparation and output tasks after tickets have been**

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setup for a job, col. 6 lines 61-67) **where a job, including a set of images, is processed multiple times** (documents can be processed as many times as the user wishes), **in response to input provided by a user** (button 428 of graphical user interface shown in Fig. 4 is a user input that cases a job to be processed), **to obtain first and second job processing events of the job** (the subsystem performs the print settings and output of the job to form a printed end document each time a job is submitted including that of all the processing events for each page of a job, including the page tickets discussed below; col. 2 lines 20-22; end product shown in Fig. 5), **a method comprising:**

programming a first job control ticket (Fig. 4 shows selecting the attributes for page tickets such as the media and type, further the ticket menu 408 allows for programming of job and page tickets, col. 15 lines 7-13), **with a first set of attributes** (Fig. 4 shows page ticket for page 2 under Book 2, which is a first job control ticket for that page, each page of each document can have its own attributes and print settings [page tickets discussed in col. 16 line 41 – co. 17 line 9]) **the first job control ticket controlling a manner in which the job is to be processed in the first job processing event** (the first job processing event is the processing for that specific page, in this case page 2);

programming a second job control ticket (Fig. 4 shows selecting the attributes for page tickets such as the media and type, further the ticket menu 408 allows for programming of job and page tickets, col. 15 lines 7-13), **with a second set of attributes** (Fig. 4 shows page ticket for page 4, which is a second job control ticket [with 2 being the first one] for that page, each page of each document can have its own attributes and print settings [page tickets discussed in col. 16 line 41 – co. 17 line 9]) **the second job control ticket controlling a manner in which**

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the job is to be processed in the second job processing event (the second job processing event is the processing for that specific page, in this case page 4);

linking the first and second job control tickets with the set of images (the workflow management software associates [links] the tickets with the print data; col. 9 lines 4-5, Fig. 4 shows the associated job ticket and page tickets with the Book 2 print data it is associated with, as selected by a user; linking further discussed in col. 15 line 15) **so that, with one submission of the job to the document processing subsystem, the job is processed in the first job processing event with the first job control ticket and in the second job processing event with the second job control ticket, wherein the job need not be submitted multiple times to the document processing subsystem** (when Book 2 is submitted, all of the associated tickets and data go along with it, the cover processing, the page processing, and all the print settings; Book 2 is a compound document that can many associated documents and tickets; col. 11 lines 1-3, col. 4 lines 53-54).

Regarding claim 2, which depends from claim 1, Hansen teaches **linking the first and second job control tickets with a master job ticket** (ticket 438 for Book 2 shown in Fig. 4 is the master job ticket with the page tickets incorporated and linked therein - the master print ticket that is associated with the documents that has global attributes for the documents and page tickets; col. 4 lines 47-55, col. 11 line 64 – col. 12 line 30, wherein a master ticket is created and associated with document job, col. 19 line 48-50 and end of abstract, wherein a user sets the global ‘master’ settings for the documents with the job ticket) **including first and second user selectable portions corresponding respectively with the first and second job control tickets** (the selectable regions for page tickets for pages 2 and 4 [user interface of Fig. 4] for example

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are shown as within the master ticket 438), **wherein each first and second user selectable portions is selected to cause the job to be processed in the first job processing event with the first job control ticket** (the selectable portions are the areas where a user enters the attributes for the first and second tickets, for example page 2 [first selectable area] the user has selected the media as letter and thus when the job is printed page 2 is processed with letter media) **and in the second job processing event with the second job control ticket** (the selectable portions are the areas where a user enters the attributes for the first and second tickets, for example page 4 [second selectable area] the user has selected the media as gold and thus when the job is printed page 4 is processed with gold media).

Regarding claim 3, which depends from claim 2, Hansen teaches **providing the master ticket with a third user selectable portion** (global instructions for the job are set as well in the master ticket, such as collate, stacking etc..., see 438 of Fig. 4), **the third user selectable portion corresponding with an instruction** (the instruction to instruct the output devices to perform whatever attribute is selected), **wherein when the user selects the third user selectable portion an operation is performed globally in each first and second job processing events** (the output job includes all of the job processing attributes in both page tickets and the master ticket including the global instruction, for example, all of the pages are collated if the global collate attribute is set, option shown in Fig. 4).

Regarding claim 4, which depends from claim 1, Hansen teaches **a third job control ticket controlling a manner in which the job is to be processed in a third job processing event is programmed** (using the ticket menu 408 of Fig. 4, a user can create more page tickets, for example page 1 or 3 of book 2 for the processing of that page [col. 15 lines 7-17]; or add a

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document such as document 6 [434] which has its own print settings apart from the master ticket and the page tickets) **and the third job control ticket is referenced to the set of images** (when a user selects a new page ticket, it is associated with the page the user selects, for example in Fig. 4, a user has selected that page 2 ticket be associated with book 2; col. 17 lines 1-5 about page tickets), **further comprising linking the first, second and third job control tickets with a master job control ticket including first, second and third user selectable portions corresponding respectively with the first, second and third job control tickets** (book 2 including master ticket 438 and page tickets for pages 2 and 4 that are linked to master ticket, thus teaching linking of page tickets which teaches that if a third ticketed page were created, it could be linked as well), **wherein one or more of the first, second and third user selectable portions are selected to cause the job to be processed in one or more of the first job processing event with the first job control ticket, the second job processing event with the second job control ticket and the third job processing event with the third job control ticket** (all three processing events are currently selected [programmed] by the user, thus when a job is submitted via button 428 of Fig. 4, the whole job is processed with the master print settings, the page ticket settings, and the document print settings, if a user does not select a ticket [like they have currently not selected pages 1 or 3 for a page ticket] there is no specific extra event for that page, just the global settings are applied).

Regarding claim 5, which depends from claim 1, Hansen teaches **editing at least one of the first and second job control tickets** (editing interface shown in Fig. 4 for preparing and entering tickets; col. 15 lines 9-13).

Regarding claim 6, which depends from claim 5, Hansen teaches **leaving the master job control ticket unaltered** (the page tickets are separate entities from the job tickets and if one ticket changes, it does not change the other, for example, if a user changed the media from letter to gold in the first page ticket, the master ticket would not change).

Regarding claim 7, which depends from claim 5, Hansen teaches **editing includes changing one or both of the first and second sets of attributes** (col. 15 lines 9-10, where editing can include setting the attributes).

Regarding claim 8, which depends from claim 5, Hansen teaches **editing includes deleting both the first job control ticket and first user selectable portion** (col. 15 line 12, wherein deleting a ticket deletes the user's ability to select the ticket and change the attributes).

Regarding claim 9, which depends from claim 1, Hansen teaches **generating a first output by producing prints of the set of images in the first job processing event** (all normal pages except page 2 which has its own output settings are generated based on the first paged ticket – the user can select print tickets and delete print tickets [col. 14 lines 10-12], thus the system can generate just the first event if the user has not selected/setup the second event and visa versa and prints of the Book 2 can be output without the second event in this manner) **and generating a second output by producing prints of the set of images in the second job processing event** (if the user deleted or didn't set up the print ticket for page 4, all normal pages would except page 4 which has its own output settings, thus generated images with the second event).

Regarding claim 10, which depends from claim 1, Hansen teaches **performing a first set of one or more image processing operations on a copy of the set of images in the first job**

processing event and performing a second set of one or more image processing operations on a copy of the set of images in the second job processing event (the imaging processing operations are performed in the image data, which has been copied from either the scanner, user files, document library or another computer through transfer, thus the imaging processing events and outputting of the image data in the system are performed on copies of the digital data, for example a document is brought in on a disc [Fig. 1a ref. no. 102] and copies a file from the disc to the image preparation device, the copy image data has a ticket or multiple tickets attached and is possibly edited [col. 6], the copy then is sent to the image processing subsystem to be output and performs the processing events discussed in the rejection of claim 39, the events being performed on a copy of the original image data).

Regarding claim 11, which depends from claim 1, Hansen teaches a **first set of make-ready operations is performed on a copy of the set of image data in the first job processing event** (col. 5 lines 15-32, col. 7 line 8, col. 19 lines 54-57, wherein the entire print job [for example Book 2 of Fig. 4], including master ticket and individual page tickets is made ready for whatever specific printing of each is needed into a printer ready format) **and a second set of make-ready operations is performed on a copy of the set of images in the second job processing event** (the conversion to a printer ready format would inherently be different between two different pages with two different page tickets due to different image data and output settings, such as page 2 and 4 of Book 2).

Regarding claim 12, which depends from claim 1, Hansen teaches **configuring the first and second job control tickets so that the first set of attributes includes at least one attribute corresponding with a first type of offline finishing and/or the second set of**

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attributes includes at least one attribute corresponding with a second type of offline finishing (Fig. 1B XYZ Off-line Finishing device for performing offline finishing, offline finishing being selectable in job tickets, see Fig. 4, col. 1 lines 9-11, col. 7 lines 50-51, col. 11 lines 29-37 and line 67, col. 19 lines 15-17).

Regarding claim 13, which depends from claim 12, Hansen teaches **creating a hardcopy sheet including representations of one or both of the at least one attribute corresponding with the first type of offline finishing and the at least one attribute corresponding with the second type of offline finishing** (Fig. 5 shows output hardcopy sheets, if an attribute corresponding to an offline finishing mode is selected as discussed above in the rejection of claim 12, it is inherent that the selected attribute is completed in the completion of the job in order to produce the correct hardcopy outputs of the job).

Regarding claim 14, which depends from claim 1, Hansen teaches **a master job control ticket includes a first user selectable portion corresponded with the first job control ticket** (page 2 ticket selections for print attributes can be made in GUI shown in Fig. 4) **and a second user selectable portion corresponded with the second job control ticket** (page 4 ticket selections for print attributes can be made in GUI shown in Fig. 4); **and wherein the first user selectable portion is selected and the second user selectable portion is not** (if only page 2 is selected to have a page ticket and page 4 is not, page 4 job ticket would not show up in GUI screen of Fig. 4 [like pages 1 and 3 for example are not selected]), **the job is processed in the first job processing event with the first job control ticket and not in the second job processing event with the second job control ticket** (if the page 4 ticket has not been selected ever, it would have no specific details making page 4 different from other pages and would be

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processed the same as pages 1 and 3 for example as controlled by the master job ticket specifications, and page 2 would still be processed with its page ticket specifying specific details of printing for just that specific page).

Regarding claim 15, Hansen teaches a **document processing system** (Fig. 1) **including a memory** (Fig. 1, document library 118 (mislabeled as 114) stores the data for the system – Fig. 5 also shows that the job data can also be stored in local file system of server 116 or 120) **and at least one document processing subsystem** (Fig. 1, print server 120 and the output devices 122 are the subsystem that perform the automated preparation and output tasks after tickets have been setup for a job, col. 6 lines 61-67) **where a job, including a set of images, is processed** (the subsystem performs the print settings and output of the job to form a printed end document each time a job is submitted; col. 2 lines 20-22; end product shown in Fig. 5) **in accordance with a selected job control ticket including a set of programmed attributes** (Fig 4 shows jobs and tickets, wherein jobs are the actual print data and control tickets are the print settings associated with the data, for example the data of Book 2 is the job, and the print settings are the control ticket associated with it), **a method comprising:**

storing one or more job control tickets in the memory (the document library 118 for document management and job preparation, in the case of Fig. 1a over the network from the station 116 to the library (mislabeled as 114); col. 5 lines 63-67, wherein jobs are the actual print data and control tickets are the print settings associated with the data, for example the data of Book 2 is the job, and the print settings are the control ticket associated with it that are all stored in memory), **the one or more job control tickets including the selected job control ticket**

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(Fig. 4 shows selected page ticket for page 2, which is a first job control ticket for that page, each page of each document can have its own attributes and print settings [page tickets discussed in col. 16 line 41 – col. 17 line 9]);

creating a master job control ticket (menu 408 can be used to create the master job tickets [col. 15 lines 7-13] shown in Fig. 4 ref. no. 438, the master print ticket that is associated with the documents that has global attributes for the documents and books; col. 4 lines 47-55, col. 11 line 64 – col. 12 line 30, wherein a master ticket is created and associated with document job, col. 19 line 48-50) **including one or more user selectable portions** (Fig. 4 shows the selectable print settings of a print ticket 438 in the Graphical User Interface as well as the ability to select and edit the job), **the one or more user selectable portions being corresponded respectively with the one or more job control tickets** (Fig. 4 also shows the ability to edit the page tickets for page 2 and page 4 of Book 2, further the ticket menu 408 allows for user selections of all ticket inputs);

selecting a first one of the one or more user selectable portions (a user must select a document in order to issue the print command, therefore in order to print Book 2 and its associated control tickets, a user must select Book 2 and issue the print command 428), **the first one of the one or more user selectable portions being corresponded with the selected job control ticket** (user can select Book 2 which corresponds with the job ticket 438 and the page tickets for pages 2 and 4 [col. 15 line 12, wherein a ticket corresponds to a book, which can be selected in Fig. 4]) **so that, upon submitting the job with the master job control ticket to the document processing subsystem, the job is processed in accordance with the set of programmed attributes of the selected job ticket** (when Book 2 is sent to be printed, the job

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control tickets and page control tickets associated with it control the printing of the job and the pages within the job [col. 4 line 54, wherein jobs are printed according to the instructions in the tickets]).

Regarding claim 16, which depends from claim 15, Hansen teaches **which the one or more job control tickets includes a second selected job control ticket with a set of programmed attributes** (print ticket for page 4 is a second job control ticket with a set of attributes specifically for page 4, Fig. 4), **further comprising selecting a second one of the one or more user selectable portions** (the selectable portion is the ability to program the attributes of the page 4 ticket in the graphical user interface shown in Fig. 4), **the second one of the one or more user selectable portions being corresponded with the second selected job control ticket** (the second selectable portion is the second selected job control ticket attributes so it must correspond) **so that, upon submitting the job with the master job control ticket to the document processing subsystem, the job is processed** (button 428 submits the job to be processed), **pursuant to a first job processing event, in accordance with the set of programmed attributes of the selected job ticket, and, pursuant to a second job processing event, in accordance with the set of programmed attributes of the second selected job ticket** (when Book 2 is sent to be printed, the job control tickets and page control tickets [master, first control, and second control] associated with it control the printing of the job and the pages within the job in accordance with the set attributes [col. 4 line 54, wherein jobs are printed according to the instructions in the tickets]).

Regarding claim 17, which depends from claim 15, Hansen teaches **selecting a second one of the one or more user selectable portions, the second one of the one or more user**

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selectable portions being corresponded with a global instruction (the selectable portions in the master ticket are global instructions for the job, such as collate, stacking etc..., see 438 of Fig. 4) so that, upon submitting the job with the master job control ticket to the document processing subsystem, the job is processed in accordance with both the set of programmed attributes of the selected job ticket and the global instruction (if all have been selected, the output job includes all of the job processing attributes in selected page tickets and the master ticket, for example, all of the pages are collated if the global collate attribute is set and page 2 would be printed on letter like specified in its page ticket).

Regarding claim 18, which depends from claim 15, Hansen teaches **editing the selected job control ticket** (editing interface shown in Fig. 4 for preparing and entering tickets; col. 15 lines 9-13).

Regarding claim 19, which depends from claim 18, Hansen teaches **leaving the master job control ticket unaltered** (the page tickets are separate entities from the job tickets and if one ticket changes, it does not change the other, for example, if a user changed the media from letter to gold in the first page ticket, the master ticket would not change).

Regarding claim 20, which depends from claim 18, Hansen teaches **selected job control ticket includes a set of job control attributes, wherein said editing includes changing at least one job control attribute of the set of job control attributes** (col. 15 lines 9-10, where editing can include setting the attributes).

Regarding claim 21, which depends from claim 18, Hansen teaches **editing includes deleting the selected job control ticket and the first one of the one or more user selectable**

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portions (col. 15 line 12, wherein deleting a ticket deletes the user's ability to select the ticket and change the attributes, thus if a user deletes the ticket, the selected portion is deleted as well).

Regarding claim 22, Hansen teaches a **document processing system** (Fig. 1) **with at least one document processing subsystem** (Fig. 1, print server 120 and the output devices 122 are the subsystem that perform the automated preparation and output tasks after tickets have been setup for a job, col. 6 lines 61-67) **where a job, including a set of images, is processed multiple times** (the subsystem performs the print settings and output of the job to form a printed end document each time a job is submitted, which can be multiple times; col. 2 lines 20-22; end product shown in Fig. 5), **in response to input provided by a user** (pressing button 428 of Fig. 4), **to obtain first and second job processing events of the job** (the subsystem performs the print settings and output of the job to form a printed end document each time a job is submitted including that of all the processing events for each page of a job, including the page tickets discussed below; col. 4 lines 53-54), **a job ticket control system comprising:**

a first job control ticket (Fig. 4 shows page ticket for page 2, which is a first job control ticket for that page, each page of each document can have its own attributes and print settings [page tickets discussed in col. 16 line 41 – col. 17 line 9]) **with a first set of attributes** (Fig. 4, where the media for page 2 is letter, and the other attributes are settable as suggested), **the first job control ticket controlling a manner in which the job is to be processed in the first job processing event** (the first job processing event is the processing for that specific page, in this case page 2);

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a second job control ticket (Fig. 4 shows page ticket for page 4, which is a second job control ticket [with 2 being the first one] for that page, each page of each document can have its own attributes and print settings [page tickets discussed in col. 16 line 41 – co. 17 line 9]) **with a second set of attributes** (Fig. 4, where the media for page 4 is gold, and the other attributes are settable as suggested), **the second job control ticket controlling a manner in which the job is to be processed in the second job processing event** (the second job processing event is the processing for that specific page, in this case page 4),

the first and second job control tickets being linked with the set of images (Fig. 4 shows the page 4 and page 2 page tickets associated with master ticket 438, which is in turn linked with the set of images for Book 2, the workflow management software associates [links] the selected tickets with the print data; col. 9 lines 4-5); **and**

wherein, in response to a single submission of the job to the document processing subsystem, the job is processed in the first job processing event with the first job control ticket and in the second job processing event with the second job control ticket, wherein the job need not be submitted multiple times to the document processing subsystem (when Book 2 is submitted, all of the associated tickets and data go along with it, the cover processing, the page processing, and all the print settings; Book 2 is a compound document that can many associated documents and tickets; col. 11 lines 1-3, and col. 4 lines 53-54).

Regarding claim 23, which depends from claim 22, Hansen further teaches **document processing system includes a printing subsystem** (col. 2 line 21, wherein the end product is a printed document).

Regarding claim 24, which depends from claim 23, Hansen further teaches **printing subsystem includes a xerographic printing device** (Digimaster 9110 of output devices 122 is at least one example, Fig. 1b and Fig. 2; col. 7 lines 50-56).

Conclusion

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

US-6052198, Neuhard et al., 4-18-2000 : teaches a method for organizing raster image processor files associated with a job ticket used in a network printing system including a job ticket that can have multiple documents associated with it, each having their own selected attributes.

US-6697898, Shishizuka et al., 2-24-2004: teaches an information processing system for composite appliance, specifically look at Figs. 107 – 115 and the specification starting in col. 72.

US-6727999, Takahashi, 4-27-2004: teaches an image formation system, specifically look at Fig. 22 and col. 16.

US-6606163, Suzuki et al., 8-12-2003 : teaches a job scheduling system for print processing including a master queue object including global attributes and document queue objects within the master, see Fig. 2.

US-6126163, Katsuta et al., 10-3-2000: teaches sheet aligning apparatus and processing apparatus used for copy machine including setting up 2 job control attributes and linking them, see Fig. 9 and its discussion in the specification.

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US-6243172, Gauthier et al., 6-5-2001 : teaches a method and system for merging variable text and images into bitmaps defined by a page description language, see Fig.

1.

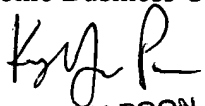
US-6825943, Barry et al., 11-30-2004: teaches a method and apparatus to permit efficient multiple parallel image processing of large jobs, see specifically Fig. 16.

US-5600762, Salgado et al., 2-4-1997 : teaches a method of processing a job, in a printing system, with a composite document, see Figs. 9 and on.

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Lucas Divine whose telephone number is 571-272-7432. The examiner can normally be reached on Monday - Friday, 7:30am - 5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Moore can be reached on 571-272-7437. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


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